

INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

3691-623

SERIAL NO.

To be Assigned

APPLICANT

STACHOWIAK

(Use several sheets if necessary)

FILING DATE

December 24, 2003

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GBR	6,558,800	5/2003	Stachowiak			
	6,514,620	2/2003	Lingle et al.			
	6,495,263	12/2002	Stachowiak			
	6,602,608	8/2003	Stachowiak			
	6,524,714	2/2003	Neuman et al.			
	6,589,658	7/2003	Stachowiak			
	6,586,102	7/2003	Stachowiak			
	6,605,358	8/2003	Stachowiak			
	6,475,626	11/2002	Stachowiak			
	5,521,765	5/1996	Wolfe			
	5,800,933	9/1998	Hartig et al.			
	6,014,872	1/2000	Hartig et al.			
	6,059,909	5/2000	Hartig et al.			
	6,132,881	10/2000	Hartig et al.			
	6,159,607	12/2000	Hartig et al.			
	5,942,338	8/1999	Arbab et al.			
	3,682,528	8/1972	Apfel et al.			
	5,377,045	12/1994	Wolfe et al.			
	5,188,887	2/1993	Lingle et al.			
GBR	6,475,626	11/2002	Stachowiak			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
GBR WO 01/21540	3/2001	WIPO			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

GBR	U.S. Patent Application Serial No. 10/310,854 filed December 6, 2002
	U.S. Patent Application Serial No. 10/246,617 filed September 19, 2002
	Technical Digest 1995, "Optical Interference Coatings", WOLFE et al., Vol. 17, pgs. 115-117
GBR	"Heat Insulating Glass Which Can be Thermally Worked", Hironobu, 05124839, 10/1991
*Examiner	<i>[Signature]</i> Date Considered 5/27/04

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

Form PTO-143

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use reverse sheet if necessary)

3691-623

STRATEGIC

Date December 24, 2003

Class and Subclass

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE & APPROPRIATE
GBR	4413877		Suzuki et al			
	4306220		Finley			
	4898789		Finley			
	4898790		Finley			
	5028759		Finley			
	5059295		Finley			
	5270517		Finley			
GBR	5902505		Finley			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILED DATE & APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Patent Pages, Etc.)

GBR	Fan et al., "Transparent heat mirrors for solar-energy applications," Applied Optics, Vol. 15, No. 4, April 1976
GBR	Fan et al., "Transparent heat-mirror films of TiO ₂ /Ac/TiO ₂ for solar energy collection and radiation insulation," Appl. Physics Letters, Vol. 25, No. 12, December 15, 1974

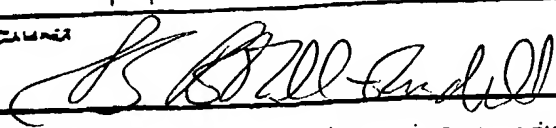
EXAMINER

DATE CONSIDERED

5/27/84

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Serial 5 of 7

Form PTO-143		369L-623	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		STAGECUTLAR	
(SEE INSTRUCTIONS)		Filed Dec 24, 2003	
U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	AUTHOR
ORR	4769291	9/88	Belkind et al
	4780370	10/88	Tracy et al
	4790922	12/88	Huffer
	4816034	3/89	Bhatt et al
	4826525	5/89	Chesworth et al
	4857094	8/89	Groth et al
	4948482	5/90	Kabayashi et al
	4954232	9/90	Yamada et al
	4960645	10/90	Lingle et al
	5016293	11/91	Komuro
ORR	5182887	2/93	Lingle et al
FOREIGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	DATE	COUNTRY
ORR	0546470	6/93	EPO
	0567735	11/93	EPO
	0622645	11/94	EPO
	0711701	4/96	EPO
ORR	0712291	3/96	EPO
OTHER DOCUMENTS (Including Author, Title, Date, Patent, Page, Etc)			
ORR	ASTM Designation: E 434-71 "Standard Test Methods for Solar Energy Transmittance and Reflectance (Terrestrial) of Sheet Materials."		
ORR	"Principles of Design of Architectural Coatings", Applied Optics Vol. 22, No. 24, December 15, 1983.		
ORR	"Performance and Sputtering Criteria of Modern Architectural Glass Coatings"		
ORR	SPIE Vol. 325, Optical Thin Films (1990).		
EXAMINER			DATE DISCLOSED 5/27/87
EXAMINER: Initial if search conducted. Checkmark or notation in accordance with MPEP § 609. Draw line through citation if not in accordance and not searched. Includes copy of this form with next communication to the applicant.			

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Form PTO-1443				3641-623	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				STACEOWEAK	
(SEE INSTRUCTIONS)				December 24, 1993	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	AUTHOR	CLASS	PRIORITY DATE IF APPROPRIATE
GBR	52291194	7/93	Lingle et al.		
	5242560	9/93	Lingle et al.		
	53441718	9/94	Hartig et al.		
	5376455	12/94	Hartig et al.		
	5377045	12/94	Wolfe et al.		
	5403458	4/95	Hartig et al.		
	5514476	5/96	Hartig et al.		
	5543229	8/96	Ohseki et al.		
	5563734	10/96	Wolfe et al.		
	5688585	11/97	Lingle et al.		
GBR	5770321	6/98	Hartig et al.		
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	PRIORITY DATE IF APPROPRIATE
GBR	07471329	12/96	EPO		
	9002653	3/90	WO		
	901054139	5/90	WO		
	901083141	7/90	WO		
	951131189	5/95	WO		
OTHER DOCUMENTS (Including Author, Title, Date, Abstract, Page, Etc.)					
GBR	EP Search Report, EP 96 10 4113				
EXAMINER: <i>[Signature]</i>				DATE: 3/27/04	
EXAMINER: Initial if document is pertinent. Check if not pertinent to performance with NPEP 1.500. Draw line through document if not for performance and not pertinent. Indicate copy of this form with next communication to the applicant.					

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use front cover of application)

Serial Number (if known)

3891-623

Inventor

STACEOWILK

Filing Date

Dec. 24, 2003

Class

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	RELEVANCE	RECORD DATE IF APPROPRIATE
GR	5937110311/99		Lingle et al.			
	555714629/01		Hartia et al.			
	4965112110/00		Yung et al.			
	417918112/00		Chang			
GR	470917451/99		Meyer et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	RELEVANCE	RECORD DATE IF APPROPRIATE
GR 940333311/94		WO			
GR 22793651/95		GB			

OTHER DOCUMENTS (including Abstract, Ref. Cites, Printed Matter, Etc.)

EXAMINER

B. B. R. R. R.

DATE DISCLOSED

5/37/04

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